



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4775-041
Job Sheet 183437



Part No: D4775-041

Job Qty: 10 ea

Part Name: Strut Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/18/18

Job Tracking No:

Due Date: 10/12/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C SHEET 1 IPP REV:A 13.02.28 NEW ISSUE DD VERF:JFS IPP REV:B 13.08.26 PB1 DD
VERF:JLM IPP REV:C 13.09.26 AS PER REV.B DD VERF:JLM IPP REV:D 14.01.10 AS PER REV.C DD
VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		10/12/18	0.00	0.00	Start Up Stores/Pkg-1		NOV 14 2018
110	Packaging	10 pcs		10/12/18	0.00	0.00	Packaging1-5		NOV 14 2018
120	Small Fab	10 pcs		10/12/18	0.00	4.15	Small Fab-7		Smf DAS
130	QC	10 pcs		10/12/18	0.00	0.00	QC5		NOV 19 2018 68
140	Packaging	10 pcs		10/12/18	0.00	0.00	Packaging3-2		NOV 19 2018 9-89
150	QC21-SA	10 Ea		10/12/18	0.00	0.00	QC21		NOV 19 2018

Part Op 120 - 1- APPLY PROSEAL ON D4776-1 STRUT AND ASSEMBLE AS PER DWG A/R PROSEAL
Descriptions: BATCH: 5096394 2- ENSURE HELICOIL DOES NOT BLOCK HOLE (SEE NOTE 9)

opp 3/19

DAS
21
9-89
NOV 19 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-10A	Bolt	20 Ea (2 ea)	90-Start up Operation	5123685
D4775-1	Strut Tube	10 Ea (1 ea)	90-Start up Operation	5126583
D4776-1	Basket Strut Clevis	10 Ea (1 ea)	90-Start up Operation	5125847
D4776-5	Spacer	20.40 Ea (4 ea)	90-Start up Operation	512995
D4777-1	Rod End Bearing	10 Ea (1 ea)	90-Start up Operation	5113220
MS21042L3	Nut	20 Ea (2 ea)	90-Start up Operation	5094592
MS21209-F615	Heli-Coil	10 Ea (1 ea)	90-Start up Operation	510283078 5127658 X2

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-10A	20	301	0
	D4775-1	10	1	0
	D4776-1	10	21	0
	D4776-5	40	40	0
	D4777-1	10	30	0
	MS21042L3	20	3,240	0
	MS21209-F615	10	118	0

Part Specifications

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
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Large Fab ☐	Composite ☐	Supplier ☐																			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																	
Order Deviation		Disposition																			
DART AEROSPACE 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com Container No: S127997 Part: D4775-041 Job No: 183437 Serial No/Batch: S127997 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: Various STC's Date: 11/14/18		Completed By																			
		Lead hand / Supervisor Approval Verification																			
		QC / QA Coordinator Approval																			
<table style="width:100%; border: none;"> <tr> <td style="width: 50%;"> ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter </td> <td style="width: 50%;"> ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes </td> </tr> </table>		☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter	☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes	FAULT CATEGORY																	
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OTHER : _____																					

Specifications could not be found.

Plex 9/18/18 10:11 AM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							